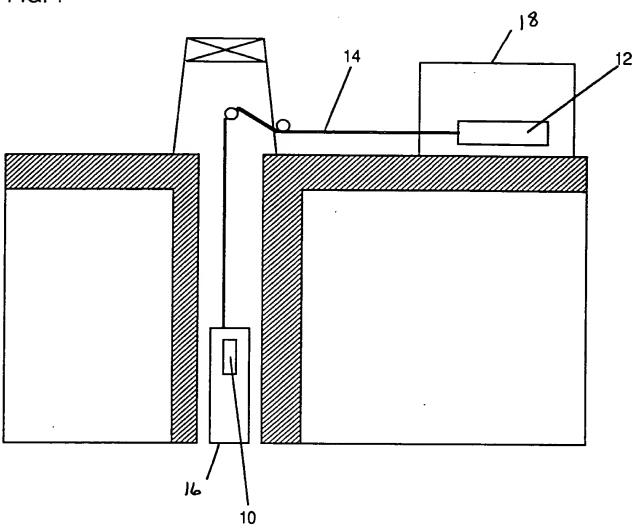
FIG. 1



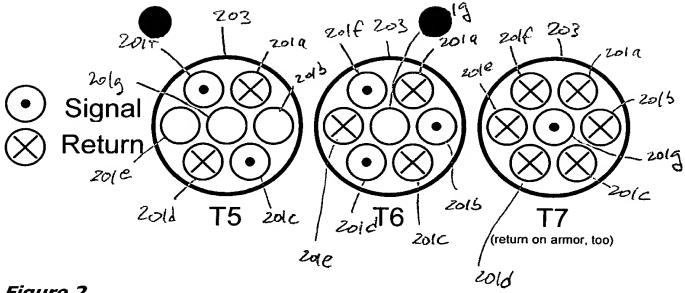


Figure 2

Figure 3

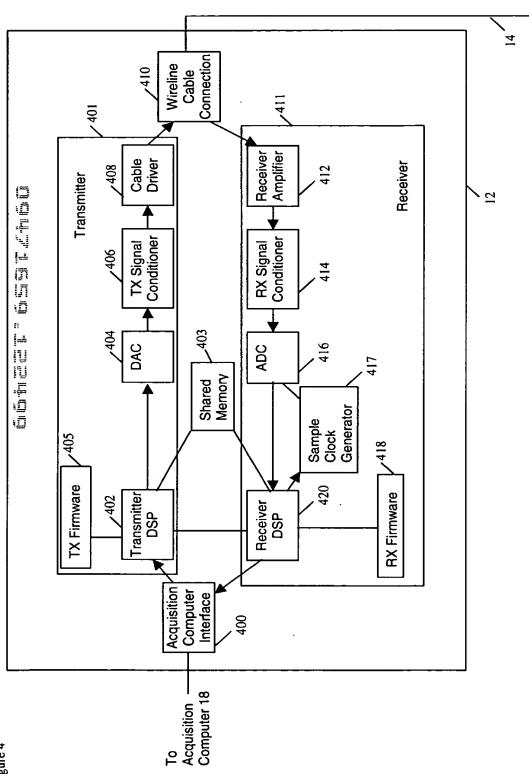
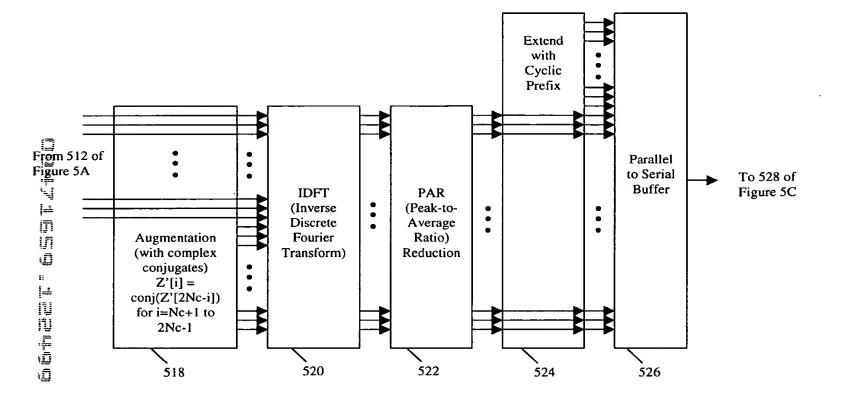


Figure 4

516 Training and Pilot Signal Generator 502 506 510 512 Reed-Add Tone Constellation Solomon SYNC Encoder encoder Ordering Gain To 518 of and (break (encode bit Scaling Figure 5B CRC bitstream groups as Z[i]*g[i]Uplink data words complex into Scrambler groups) numbers) 500 ••• 504 Gain Bits Per Carrier Table Table (real) g[i] 308 for i=0 514 to Nc-1

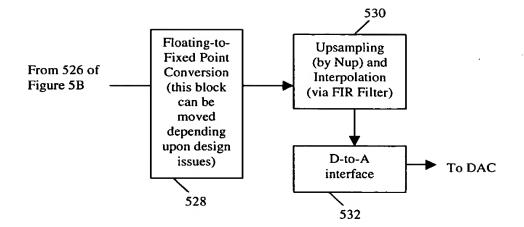
Figure 5A

Figure 5B



* • • • • •

Figure 5C



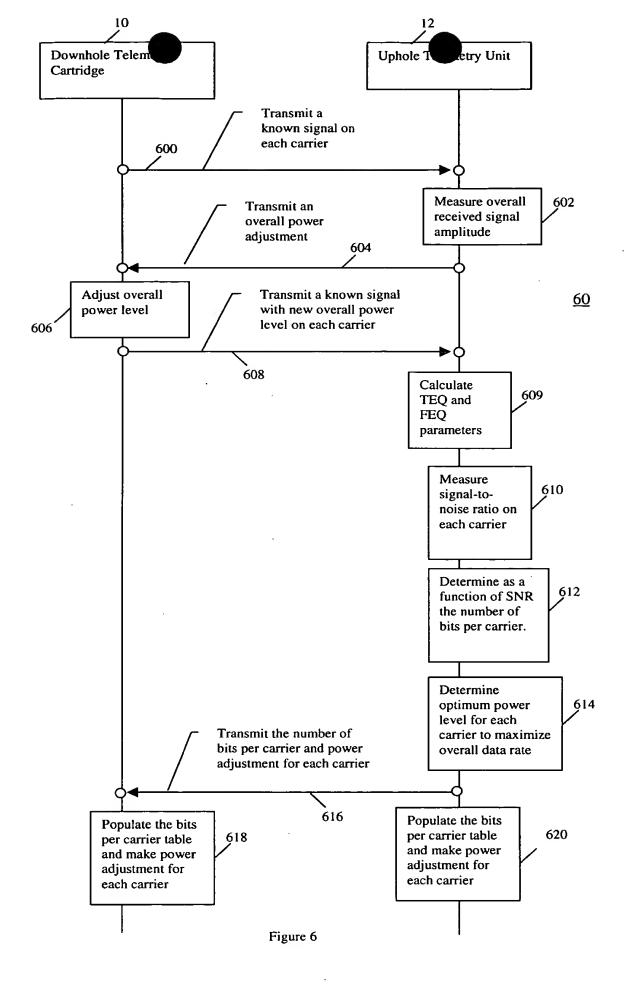


Figure 7A

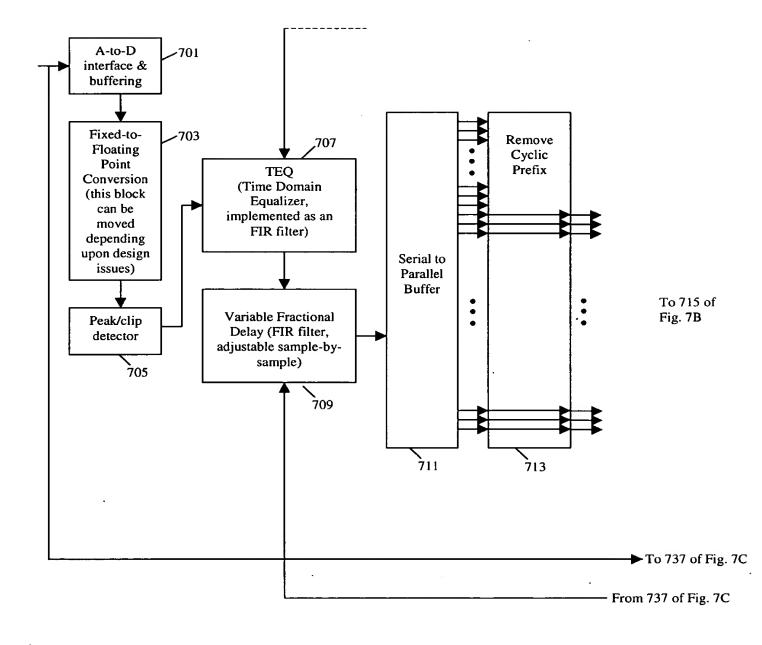
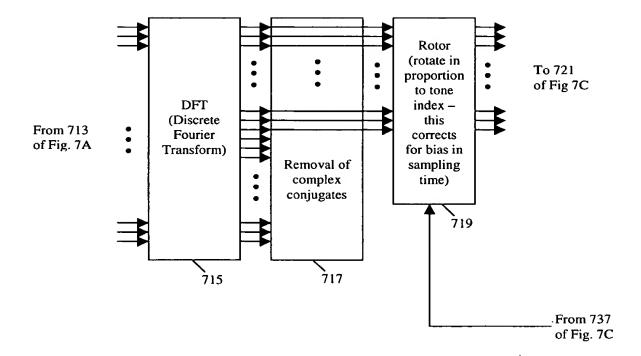


Figure 7B



- - - - - - -

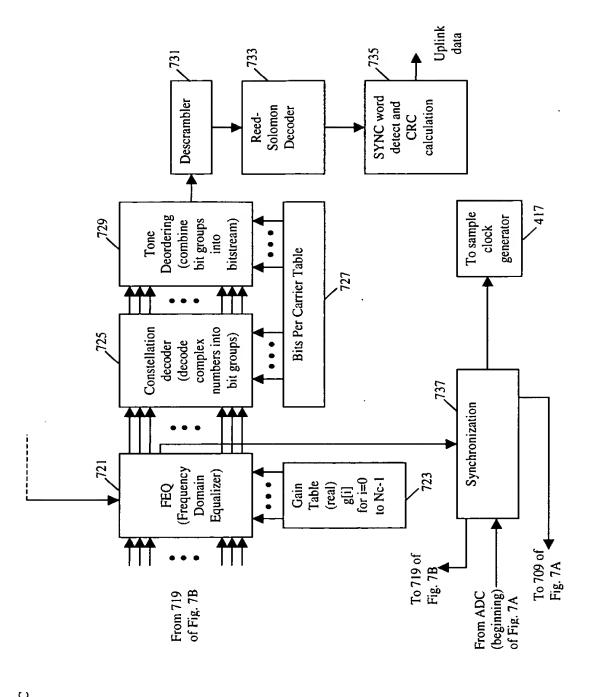


Figure 7C

Figure 8

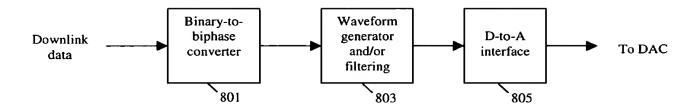
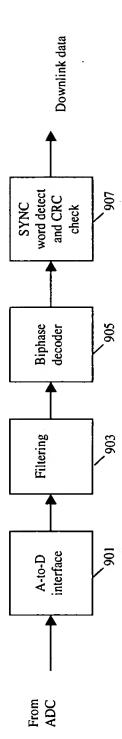


Figure 9



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